APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/721,464	11/26/2003	Hideki Shoji	246008US2	8112

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OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT, P.C.
1940 DUKE STREET
ALEXANDRIA, VA 22314

EXAMINER
TIBBITS, PIA FLORENCE .

ART UNIT	PAPER NUMBER
2838	

DATE MAILED: 12/12/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE <u>1</u> MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *10/27/2005*.

2a)☐ This action is **FINAL**.   2b)☐ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *1-78* is/are pending in the application.

    4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☐ Claim(s) _____ is/are rejected.

7)☒ Claim(s) *31-42 and 45-78* is/are objected to.

8)☒ Claim(s) *1-78* are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a)☐ All b)☐ Some * c)☐ None of:

      1.☐ Certified copies of the priority documents have been received.

      2.☐ Certified copies of the priority documents have been received in Application No. _____.

      3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

    * See the attached detailed Office action for a list of the certified copies not received.

Best Available Copy

Attachment(s)

1)☐ Notice of References Cited (PTO-892)

2)☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3)☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date _____.

4)☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____.

5)☐ Notice of Informal Patent Application (PTO-152)

6)☒ Other: *See Continuation Sheet*.

Continuation of Attachment(s) 6). Other: foreign reference lacking translation .

DETAILED ACTION

Claim Objections

1.   Claims 31-42, 45-78 are objected to because of the following informalities:

Claims 31-42: "a storage medium in which are stored a program" needs to be corrected.

Independent claim 33 recites a storage medium in which is stored a program of the method according to (dependent) claim 3.

Independent claim 34 recites a storage medium in which is stored a program of the method according to (dependent) claim 4.

Independent claim 35 recites a storage medium in which is stored a program of the method according to (dependent) claim 5.

Independent claim 36 recites a storage medium in which is stored a program of the method according to (dependent) claim 6.

Independent claim 37 recites a storage medium in which is stored a program of the method according to (dependent) claim 7.

Independent claim 38 recites a storage medium in which is stored a program of the method according to (dependent) claim 8 only.

Independent claim 39 recites a storage medium in which is stored a program of the method according to (dependent) claim 9.

Independent claim 40 recites a storage medium in which is stored a program of the method according to (dependent) claim 10.

Independent claim 41 recites a storage medium in which is stored a program of the method according to (dependent) claim 11.

Independent claim 42 recites a storage medium in which is stored a program of the method according to (dependent) claim 12.

Independent claim 45 recites an information processing apparatus that downloads via the Internet a program of the method according to (dependent) claim 3 only and data for the determination tables according to said claim.

Independent claim 46 recites an information processing apparatus that downloads via the Internet a program of the method according to (dependent) claim 4 and data for the determination tables according to said claim.

Independent claim 47 recites an information processing apparatus that downloads via the Internet a program of the method according to (dependent) claim 5 and data for the determination tables according to said claim.

Independent claim 48 recites an information processing apparatus that downloads via the Internet a program of the method according to (dependent) claim 6 and data for the determination tables according to said claim.

Independent claim 49 recites an information processing apparatus that downloads via the Internet a program of the method according to (dependent) claim 7 and data for the determination tables according to said claim.

Independent claim 50 recites an information processing apparatus that downloads via the Internet a program of the method according to (dependent) claim 8 and data for the determination tables according to said claim.

Independent claim 51 recites an information processing apparatus that downloads via the Internet a program of the method according to (dependent) claim 9 and data for the determination tables according to said claim.

Independent claim 52 recites an information processing apparatus that downloads via the Internet a program of the method according to (dependent) claim 10 and data for the determination tables according to said claim.

Independent claim 53 recites an information processing apparatus that downloads via the Internet a program of the method according to (dependent) claim 11 and data for the determination tables according to said claim.

Independent claim 54 recites an information processing apparatus that downloads via the Internet a program of the method according to (dependent) claim 12 and data for the determination tables according to said claim.

Claims 55-78: "a storage medium in which are stored a program" needs to be corrected.

Independent claim 57 recites an information processing apparatus that includes a read-only memory in which is stored a program of the method according to (dependent) claim 3 and data for the determination table according to said claim.

Independent claim 58 recites an information processing apparatus that includes a read-only memory in which is stored a program of the method according to (dependent) claim 4 and data for the determination table according to said claim.

Independent claim 59 recites an information processing apparatus that includes a read-only memory in which is stored a program of the method according to (dependent) claim 5 and data for the determination table according to said claim.

Independent claim 60 recites an information processing apparatus that includes a read-only memory in which is stored a program of the method according to (dependent) claim 6 and data for the determination table according to said claim.

Independent claim 61 recites an information processing apparatus that includes a read-only memory in which is stored a program of the method according to (dependent) claim 7 and data for the determination table according to said claim.

Independent claim 62 recites an information processing apparatus that includes a read-only memory in which is stored a program of the method according to (dependent) claim 8 and data for the determination table according to said claim.

Independent claim 63 recites an information processing apparatus that includes a read-only memory in which is stored a program of the method according to (dependent) claim 9 and data for the determination table according to said claim.

Independent claim 64 recites an information processing apparatus that includes a read-only memory in which is stored a program of the method according to (dependent) claim 10 and data for the determination table according to said claim.

Independent claim 65 recites an information processing apparatus that includes a read-only memory in which is stored a program of the method according to (dependent) claim 11 and data for the determination table according to said claim.

Independent claim 66 recites an information processing apparatus that includes a read-only memory in which is stored a program of the method according to (dependent) claim 12 and data for the determination table according to said claim.

Independent claim 69 recites an electronic apparatus that includes a read-only memory in which is stored a program of the method according to (dependent) claim 3 and data for the determination table according to said claim.

Independent claim 70 recites an electronic apparatus that includes a read-only memory in which is stored a program of the method according to (dependent) claim 4 and data for the determination table according to said claim.

Independent claim 71 recites an electronic apparatus that includes a read-only memory in which is stored a program of the method according to (dependent) claim 5 and data for the determination table according to said claim.

Independent claim 72 recites an electronic apparatus that includes a read-only memory in which is stored a program of the method according to (dependent) claim 6 and data for the determination table according to said claim.

Independent claim 73 recites an electronic apparatus that includes a read-only memory in which is stored a program of the method according to (dependent) claim 7 and data for the determination table according to said claim.

Independent claim 74 recites an electronic apparatus that includes a read-only memory in which is stored a program of the method according to (dependent) claim 8 and data for the determination table according to said claim.

Independent claim 75 recites an electronic apparatus that includes a read-only memory in which is stored a program of the method according to (dependent) claim 9 and data for the determination table according to said claim.

Independent claim 76 recites an electronic apparatus that includes a read-only memory in which is stored a program of the method according to (dependent) claim 10 and data for the determination table according to said claim.

Independent claim 77 recites an electronic apparatus that includes a read-only memory in which is stored a program of the method according to (dependent) claim 11 and data for the determination table according to said claim.

Independent claim 78 recites an electronic apparatus that includes a read-only memory in which is stored a program of the method according to (dependent) claim 12 and data for the determination table according to said claim.

Appropriate correction is required.

Election/Restriction

2.　　This application contains claims directed to the following patentably distinct species of the claimed invention:

Species I providing a method of confirming battery charge amount and degradation state comprising the steps of: measuring at a plurality of battery temperatures a cycle test battery in respect of one selected from battery open voltage, current and voltage during discharge, and current and voltage

during charging at predetermined time intervals substantially until battery end of life, using measured values to generate a determination table showing relationships between prescribed charge amounts and prescribed degradation states, measuring a subject battery in respect of the same one selected from battery open voltage, current and voltage during discharge, and current and voltage during charging, and comparing determination table values with a measured value of the subject battery to confirm present subject battery charge amount and degradation state according to a determination table location where the values match [see paragraph 0008 of the instant application].

Species II providing method of confirming battery charge amount and degradation state, comprising the steps of: measuring at a plurality of battery temperatures a cycle test battery at predetermined time intervals substantially until battery end of life, using measurement values of at least two selected from battery open voltage, current and voltage during discharge, and current and voltage during charging; using measured values to generate determination tables showing relationships in each case between prescribed charge amounts and prescribed degradation states; measuring a subject battery in respect of said at least two selected from battery open voltage, current and voltage during discharge, and current and voltage during charging; and comparing determination table values with each of measured values of the subject battery to confirm present subject battery charge amount and degradation state in accordance with determination table locations or matching values, and simultaneously using an incidence of appearance at determination table locations resulting from the measured values to estimate present subject battery charge amount and degradation state [see paragraph 0009 of the instant application].

Species III providing an apparatus that confirms battery charge amount and degradation state in which values of a determination table showing relationships between prescribed charge amounts and prescribed degradation states based on measurements, at a plurality of battery temperatures, of a cycle test battery in respect of at least one selected from battery open voltage, current and voltage during discharge, and current and voltage during charging at predetermined time intervals substantially until

battery end of life, and a measured value of a subject battery in respect of the same one selected from battery open voltage, current and voltage during discharge, and current and voltage during charging, are compared and present subject battery charge amount and degradation state are confirmed in accordance with a determination table location of matching values, an apparatus for measuring open voltage in a battery, comprising at least; a trigger signal circuit that generates a signal at fixed time intervals to operate a voltmeter; a timer for setting the time intervals at which the trigger signal circuit generates the signal; and a counter for pre-setting a number of times the trigger signal circuit generates the signal [see paragraph 0015 of the instant application].

Species IV providing an apparatus that confirms battery charge amount and degradation state in which values of a determination table showing relationships between prescribed charge amounts and prescribed degradation states based on measurements, at a plurality or battery temperatures, of a cycle test battery in respect of at least one selected from battery open voltage, current and voltage during discharge, and current and voltage during charging at predetermined time intervals substantially until battery end of life, and a measured value of a subject battery in respect of the same one selected from battery open voltage, current and voltage during discharge, and current and voltage during charging, are compared and present subject battery charge amount and degradation state are confirmed in accordance with a determination table location of matching values, an apparatus for measuring battery current and voltage during discharge, comprising at least: a trigger signal circuit that generates a signal at fixed time intervals to operate a voltmeter and an ammeter; a pulse-discharge generation circuit that discharges a battery at fixed time intervals; a timer for setting time intervals at which the trigger signal circuit generates the signal and the pulse-discharge generation circuit discharges the battery; and a counter for pre-setting a number of times the trigger signal circuit generates the signal and the pulse-discharge generation circuit discharges the battery [see paragraph 0016 of the instant application].

Species V providing an apparatus that confirms battery charge amount and degradation state in which values of a determination table showing relationships between prescribed charge amounts and

prescribed degradation states based on measurements, at a plurality of battery temperatures, of a cycle test battery in respect of at least one selected from battery open voltage, current and voltage during discharge, and current and voltage during charging at predetermined time intervals substantially until battery end of life, and a measured value of a subject battery in respect of the same one selected from battery open voltage, current and voltage during discharge, and current and voltage during charging, are compared and present subject battery charge amount and degradation state are confirmed in accordance with a determination table location of matching values, an apparatus for measuring constant current, constant voltage discharge of a battery, comprising at least; a trigger signal circuit that generates a signal at fixed time intervals to operate a voltmeter and an ammeter; a constant current, constant voltage discharge circuit that discharges a battery at fixed time intervals; a timer for setting time intervals at which the trigger signal circuit generates the signal and the constant current, constant voltage discharge circuit discharges the battery; a counter for pre-setting a number of times the trigger signal circuit generates the signal and the constant current, constant voltage discharge circuit discharges the battery; and a time-measurement circuit for measurement of time from start of discharge to a set fall in voltage [see paragraph 0017 of the instant application].

Species VI providing an apparatus that confirms battery charge amount and degradation state in which values of a determination table showing relationships between prescribed charge amounts and prescribed degradation states based on measurements, at a plurality of battery temperatures, of a cycle test battery in respect of at least one selected from battery open voltage, current and voltage during discharge, and current and voltage during charging at predetermined time intervals substantially until battery end of life, and a measured value of a subject battery in respect of the same one selected from battery open voltage, current and voltage during discharge, and current and voltage during charging, are compared and present subject battery charge amount and degradation state are confirmed in accordance with a determination table location of matching values, an apparatus for measuring battery current and voltage during charging, comprising at least: a trigger signal circuit that operates a voltmeter and an

ammeter by generating a signal at fixed time intervals; a constant current, constant voltage charging

circuit that charges a battery at fixed time intervals; a timer for setting time intervals at which the trigger

signal circuit generates the signal and the constant current, constant voltage charging circuit charges the

battery; and a counter for pre-setting a number of times the trigger signal circuit generates the signal

and the constant current, constant voltage charging circuit charges the battery [see paragraph 0018 of

the instant application].

Species VII providing an apparatus that confirms battery charge amount and degradation state in

which values of a determination table showing relationships between prescribed charge amounts and

prescribed degradation states based on measurements, at a plurality of battery temperatures, of a cycle

test battery in respect of at least one selected from battery open voltage, current and voltage during

discharge, and current and voltage during charging at predetermined time intervals substantially until

battery end of life, and a measured value of a subject battery in respect of the same one selected from

battery open voltage, current and voltage during discharge, and current and voltage during charging, are

compared and present subject battery charge amount and degradation state are confirmed in accordance

with a determination table location of matching values, an apparatus for measuring constant current and

constant voltage charging of a battery, comprising at least: a time-measurement circuit for measurement

of time from start of charging to a set rise in voltage; a trigger signal circuit that generates a signal at

fixed time intervals to operate a voltmeter, an ammeter and the time-measurement circuit; a constant

current, constant voltage charging circuit that charges a battery at fixed time intervals, a timer for setting

time intervals at which the trigger signal circuit generates the signal and the constant current, constant

voltage charging circuit charges the battery, and a counter for pre-setting a number of times the trigger

signal circuit generates the signal and the constant current, constant voltage charging circuit charges the

battery [see paragraph 0019 of the instant application]..

Species VIII providing an apparatus that confirms battery charge amount and degradation state

in which values of a determination table showing relationships between prescribed charge amounts and

prescribed degradation states based on measurements, at a plurality of battery temperatures, of a cycle

test battery in respect of at least one selected from battery open voltage, current and voltage during

discharge, and current and voltage during charging at predetermined time intervals substantially until

battery end of life, and a measured value of a subject battery in respect of the same one selected from

battery open voltage, current and voltage during discharge, and current and voltage during charging, are

compared and present subject battery charge amount and degradation state are confirmed in accordance

with a determination table location of matching values, a thermistor apparatus for measuring internal and

surface temperatures of a battery located in proximity to the thermistor apparatus, comprising at least: a

trigger signal circuit that generates a signal at fixed time intervals to operate a resistance meter; a timer

for setting time intervals at which the trigger signal circuit generates the signal; and a counter for pre-

setting a number of times the trigger signal circuit generates the signal [see paragraph 0020 of the

instant application].

Species IX providing a storage medium in which is stored a program of a method [see paragraph

0021 of the instant application].

Species X providing an information processing apparatus that downloads via the Internet a

program of a method [see paragraph 0022 of the instant application].

Species XI providing an information processing apparatus that includes a read-only memory in

which is stored a program [see paragraph 0022 of the instant application].

Species XII providing an electronic apparatus that includes a read-only memory in which is stored

a program [see paragraph 0023 of the instant application].

Applicant is required under 35 U.S.C. 121 to elect a single disclosed species for prosecution on

the merits to which the claims shall be restricted if no generic claim is finally held to be allowable.

Currently, no claim is generic.

Applicant is advised that a reply to this requirement must include an identification of the species

that is elected consonant with this requirement, and a listing of all claims readable thereon, including any

claims subsequently added. An argument that a claim is allowable or that all claims are generic is considered nonresponsive unless accompanied by an election.

Upon the allowance of a generic claim, applicant will be entitled to consideration of claims to additional species which are written in dependent form or otherwise include all the limitations of an allowed generic claim as provided by 37 CFR 1.141. If claims are added after the election, applicant must indicate which are readable upon the elected species. MPEP § 809.02(a).

Should applicant traverse on the ground that the species are not patentably distinct, applicant should submit evidence or identify such evidence now of record showing the species to be obvious variants or clearly admit on the record that this is the case. In either instance, if the examiner finds one of the inventions unpatentable over the prior art, the evidence or admission may be used in a rejection under 35 U.S.C. 103(a) of the other invention.

Applicant is reminded that upon the cancellation of claims to a non-elected invention, the inventorship must be amended in compliance with 37 CFR 1.48(b) if one or more of the currently named inventors is no longer an inventor of at least one claim remaining in the application. Any amendment of inventorship must be accompanied by a petition under 37 CFR 1.48(b) and by the fee required under 37 CFR 1.17(I).

Information Disclosure Statement

3. The information disclosure statement filed 2/24/2004 fails to comply with 37 CFR 1.98(a)(3) because it does not include a concise explanation of the relevance, as it is presently understood by the individual designated in 37 CFR 1.56(c) most knowledgeable about the content of the information, of each patent listed that is not in the English language [see copy attached]. It has been placed in the application file, but the information referred to therein has not been considered.

Conclusion

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Examiner Pia Tibbits whose telephone number is 571-272-2086. If unavailable, contact

the Supervisory Patent Examiner Karl Easthom whose telephone number is 571-272-1989. The

Technology Center Fax number is 571-273-8300.

5.   Information regarding the status of an application may be obtained from the Patent Application

Information Retrieval (PAIR) system. Status information for published applications may be obtained from

either Private PAIR or Public PAIR. Status information for unpublished applications is available through

Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should

you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at

866-217-9197 (toll-free).

PFT   Pia Tibbits

December 6, 2005   Primary Patent Examiner

整理番号　TS13031　　　　　　　　　　　発送番号　２５５５９７　　１/
　　　　　　　　　　　　　　　　　　　　発送日　平成１５年　８月１２日

拒絶理由通知書

特許出願の番号	特願２００１－１４５５９１
起案日	平成１５年　７月１７日
特許庁審査官	右田　勝則　　　　　　　　９１７３　５Ｔ００
特許出願人代理人	加藤　恭介　様
適用条文	第２９条第２項、第３６条

　　この出願は、次の理由によって拒絶をすべきものである。これについて意見が
あれば、この通知書の発送の日から６０日以内に意見書を提出して下さい。

理　　由

１．この出願の下記の請求項に係る発明は、その出願前日本国内又は外国におい
て頒布された下記の刊行物に記載された発明に基いて、その出願前にその発明の
属する技術の分野における通常の知識を有する者が容易に発明をすることができ
たものであるから、特許法第２９条第２項の規定により特許を受けることができ
ない。
２．この出願は、特許請求の範囲の記載が下記の点で、特許法第３６条第６項第
１号に規定する要件を満たしていない。
３．この出願は、特許請求の範囲の記載が下記の点で、特許法第３６条第６項第
２号に規定する要件を満たしていない。
４．この出願は、発明の詳細な説明の記載が下記の点で、特許法第３６条第４項
に規定する要件を満たしていない。

　　　　　記　　　　（引用文献等については引用文献等一覧参照）
・請求項　　　　　　１－１８
・理由　　　　　　　　１
・引用文献等　　　　　１
・備考
　　第１引用例には、劣化状態を予め関数あるいはデータとして記憶しておき、こ
のデータや関数から電池の劣化状態及び劣化に応じた充電量を算出する発明が記
載されており、本願発明は前記引用例より当業者が容易に想到しうるものと認め
られる。

・請求項　　　　　　１－１８
・理由　　　　　　　　２

○「複数の環境温度」とあるが、実施例を参酌しても、電池温度を検出しているものとしか見てとれない。

　よって、請求項１－１８に係る発明は、発明の詳細な説明に記載したものでない。

・請求項　　　　　　　１－１８
・理由　　　　　　３

　本願発明の劣化状態の検出がどの時点で行われているのか不明確である。（劣化状態は、充電中や放電中において変化するものとしているものか否か不明確である。）

　よって、請求項１－１８に係る発明は明確でない。

・請求項　　　　　　　１－１８
・理由　　　　　　４

○詳細な説明の段落【００７７】の「図１０に示されているように・・・・・環境温度が１０度Ｃないし４０度Ｃにおける前記演算結果は、たとえば、４．１２Ｖであったとする。図１０において、４．１２Ｖに該当する位置は、現在の充電量が８０％以上で、劣化状態が２０％以下の３カ所である。」とあるがこれは何を示しているのか不明である。（図１０においては、４．１２Ｖに該当する位置は、劣化状態が８０％以上で充電量が６０％範囲内に２カ所だけしかない。）

○段落【００７８】に「前記開放電圧用判定テーブル１の位置によって、判定結果に点をつけ、前記開放電圧用判定テーブルの位置は、９０点以上であるとする。制御手段は、演算結果が開放電圧用判定テーブル１の位置によって点数を付け、当該被測定用電池２２が何点の位置にあるかを調べる」とあるが、どのように点数をつけ、何点の位置にあるか判断しているのかが不明である。

　また、「前記制御手段は、前記被測定用電池２２の点を多くとも１２個のテーブルについての点を加算したか否かを調べる」とあるが、図１０以外の残り１１個のテーブルについてものように点数をつけ、何点の位置にあるか判断しているのかが不明である。

○段落【００７９】には、「前記制御手段は、前記加算された点、あるいは平均点、高い％が出た確率等と、予め判定テーブルとを第２次判定として、判定結果を出力する」とあるが、判定テーブルがどのようなものかが不明であるので、何をしたいのか不明である。

○段落【００８０】には「前記被測定用電池の開放電圧値の平均は、環境温度１０度Ｃ以下において、たとえば、３．５Ｖであったとする。前記テーブル１において、３．５Ｖである位置は、たとえば、現在の充電量（ＲＳＯＣ）が２０％ないし４０％で、劣化状態（ＣＹＣ）が１０％以下である。」とあるが、テーブル１には「劣化状態（ＣＹＣ）が１０％以下」はない。

　本願発明はサイクルテスト用電池の各種テーブルを作成し、この、複数の各種テーブルにおける、被検出電池の現状（これも、充電量に関しては充電・放電における途中だとは推測できるが、劣化状態に関してはどの時点か不明ではある）の位置を算出し（これも不明である）、点数をつけ（これも不明である）各テーブル間との相関関係（判定テーブル？）において、最終的に判定を行っているものとも判断できなくはないが、図１０のテーブルを用いた説明及び各テーブルの説明のみでは、具体的な説明が非常に不足しているために、本願発明の充電量及び劣化状態確認が実施可能なものとは判断しがたい。

　また、図６のＶｄ１の範囲は誤記と認められる。【００９５】の「テーブル１０」も誤記であるものと認められる。

　よって、この出願の発明の詳細な説明は、当業者が請求項１－１８に係る発明を実施することができる程度に明確かつ十分に記載されていない。

　この拒絶理由通知書中で指摘した請求項以外の請求項に係る発明については、現時点では、拒絶の理由を発見しない。拒絶の理由が新たに発見された場合には拒絶の理由が通知される。

　　　　　　　引　用　文　献　等　一　覧
１．特開２００１－０５１０２９号公報

－－－－－－－－－－－－－－－－－－－－－－－－－－－－－－－－－－

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